

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC. NO.
SHG/039P2SERIAL NO.
107534581INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Toshihiro Nakajima et al.FILING DATE
May 11, 2005GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AZ	A.A	4	5	6	6	7	5	6	01/1988	Heijnenmans	350	126	
	A.B	6	4	1	6	9	1	0	07/09/2002	Iimura et al.	430	7	
	A.C												
	A.D												
	A.E												
	A.F												
	A.G												
	A.H												
	A.I												
	A.J												
	A.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	2000-347006	12/15/2000	Japan	G02B	5/02	
	A.M	2001-133606	05/18/2001	Japan	G02B	5/02	
	A.N	2001-249205	09/14/2001	Japan	G02B	5/02	Abstract Provided
	A.O	2002-250804	9/6/2002	Japan	G02B	5/02	
	A.P	2002-98810	04/05/2002	Japan	G02B	5/02	Abstract Provided
	A.Q	H02-199444	08/07/1990	Japan	G03B	21/62	Abstract Provided

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	International Search Authority Report, PCT/JP03/14478, Dated March 16, 2005
	A.S	United States Patent Application Publication, Publication No. US 2001/0002153 A1, Applicant: Yano Published May 31, 2001
	A.T	

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Daniel Zinken

DATE CONSIDERED

11/29/06

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	B.K						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
AZ	B.L	H04-314522	11/05/1992	Japan	B29C	55/02	Abstract Provided
	B.M	H08-327805	12/13/1996	Japan	G02B	5/02	Abstract Provided
	B.N	H09-311205	12/02/1997	Japan	G02B	5/02	
	B.O	H10-119125	05/12/1998	Japan	B29C	55/04	
	B.P	H11-223712	08/17/1999	Japan	G02B	5/02	Abstract Provided
↓	B.Q	H11-508622	07/27/1999	Japan	C09J	201/00	

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	B.R	
	B.S	
	B.T	

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	C.A						
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	C.G						
	C.H						
	C.I						
	C.J						
	C.K						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
AZ	C.L	S59-176734	10/06/1984	Japan	G03B	21/62	
AZ	C.M	WO 97/01610	01/16/1997	WIPO	C09J	7/02	
	C.N						
	C.O						
	C.P						
	C.Q						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
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	C.S						
	C.T						
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